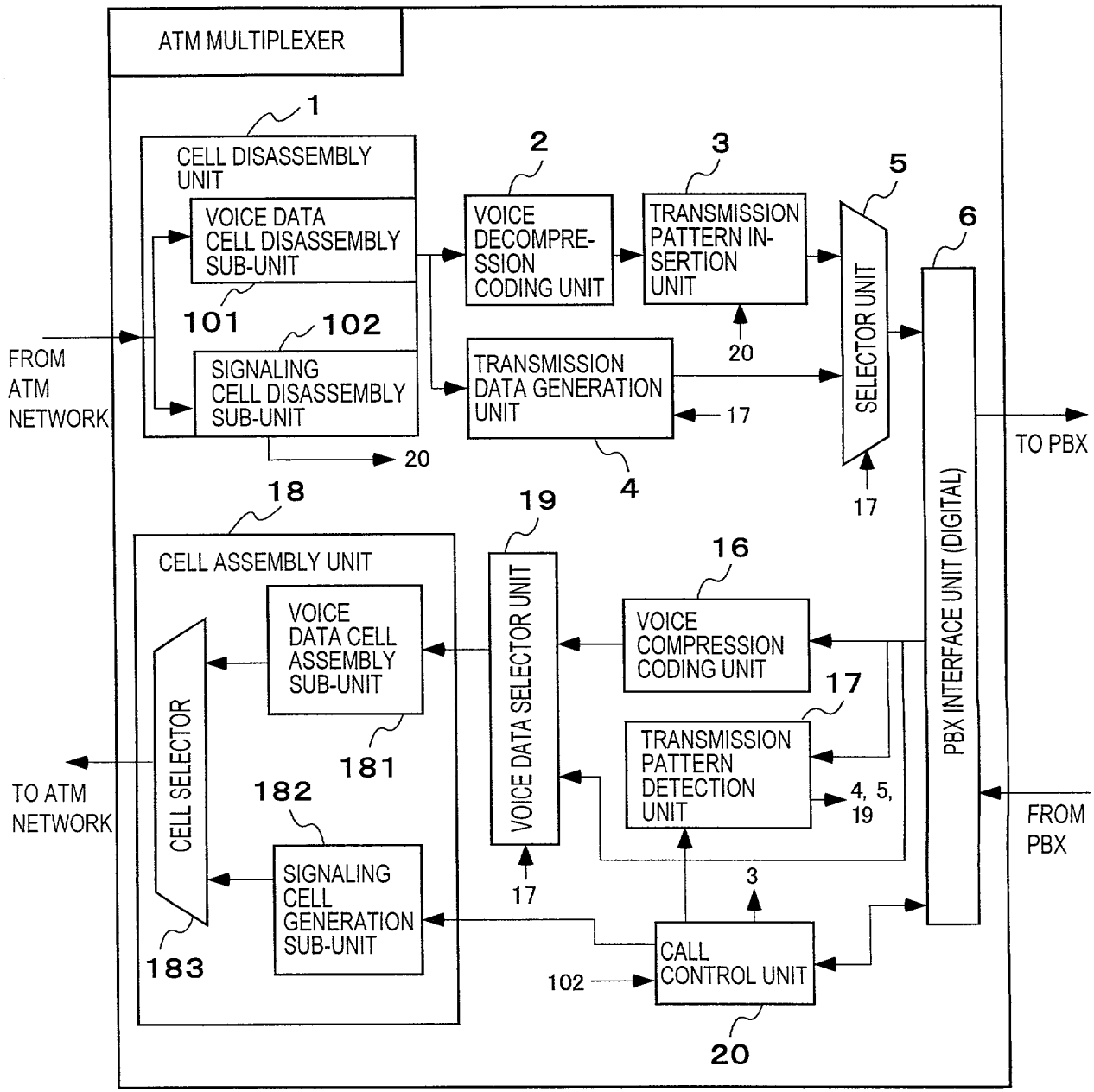
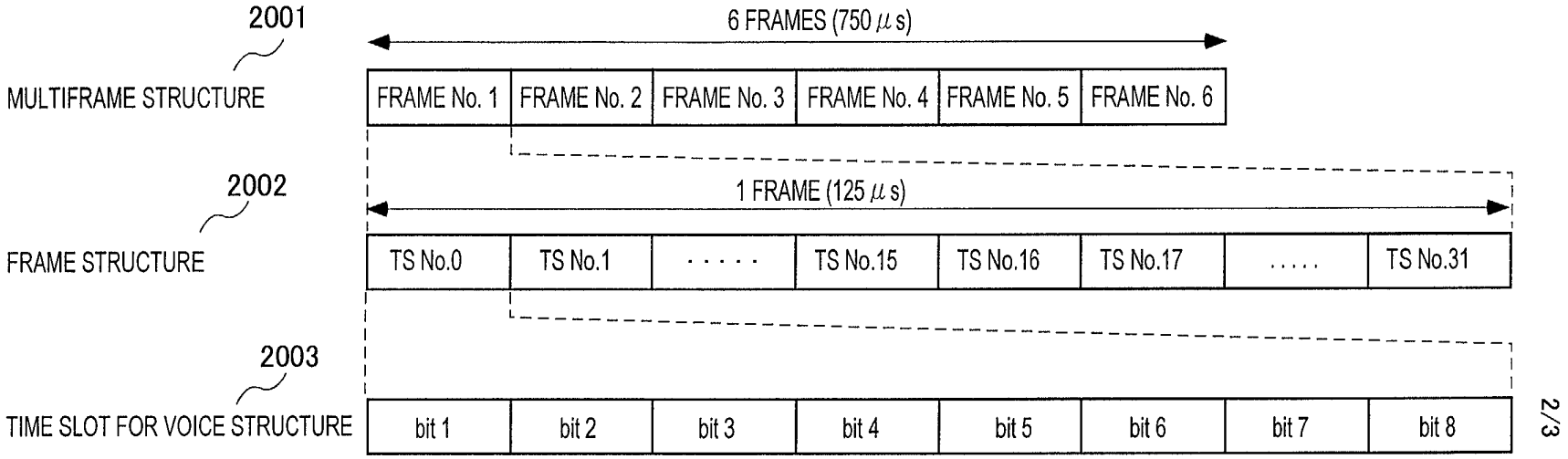
FIG.1


ATM MULTIPLEXER
1
CELL DISASSEMBLY UNIT
VOICE DATA CELL DISASSEMBLY SUB-UNIT
101
102
SIGNALING CELL DISASSEMBLY SUB-UNIT
20
FROM ATM NETWORK
2
VOICE DECOMPRE-SSION CODING UNIT
3
TRANSMISSION PATTERN IN-SERTION UNIT
20
TRANSMISSION DATA GENERATION UNIT
17
4
5
SELECTOR UNIT
17
6
PBX INTERFACE UNIT (DIGITAL)
TO PBX
FROM PBX
18
CELL ASSEMBLY UNIT
VOICE DATA CELL ASSEMBLY SUB-UNIT
181
CELL SELECTOR
TO ATM NETWORK
182
SIGNALING CELL GENERATION SUB-UNIT
183
19
VOICE DATA SELECTOR UNIT
17
16
VOICE COMPRESSION CODING UNIT
17
TRANSMISSION PATTERN DETECTION UNIT
4, 5, 19
3
CALL CONTROL UNIT
102
20

Machine Translated

FIG.2



CORRESPONDENCE BETWEEN MULTIFRAME STRUCTURE AND BIT ASSIGNMENT OF TIME SLOT FOR VOICE

FRAME NO.	TIME SLOT FOR VOICE	
	VOICE DATA	TRANSMISSION PATTERN
1	bit 1-8	—
2	bit 1-8	—
3	bit 1-8	—
4	bit 1-8	—
5	bit 1-8	—
6	bit 1-7	bit 8

FIG.3A

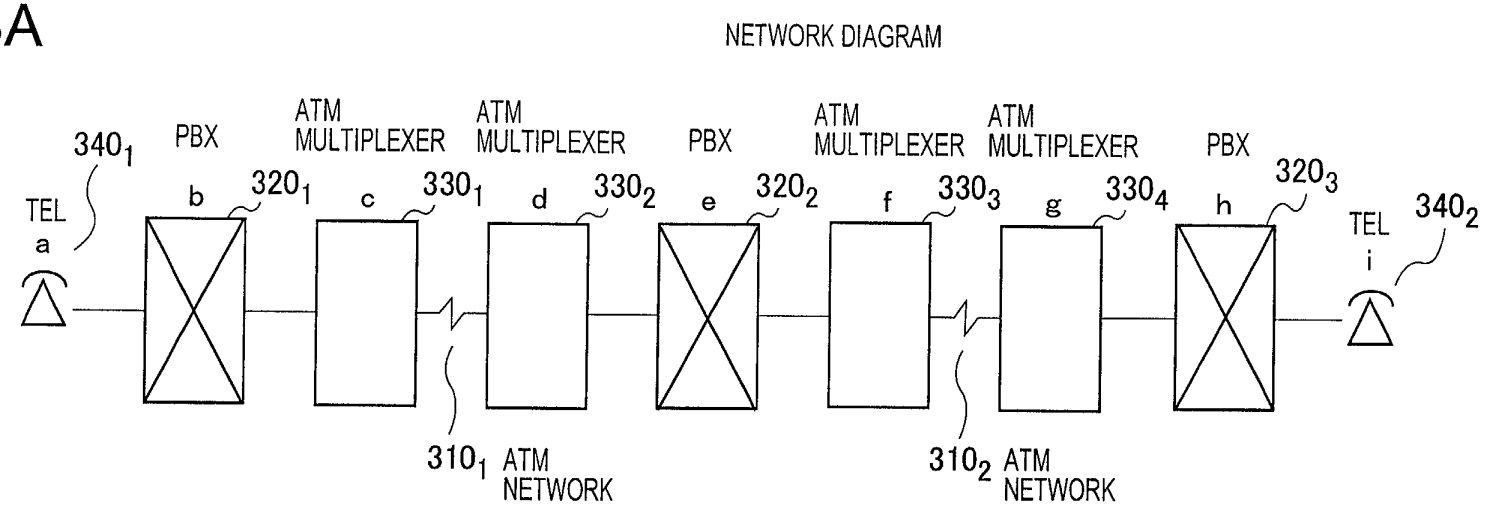


FIG.3B

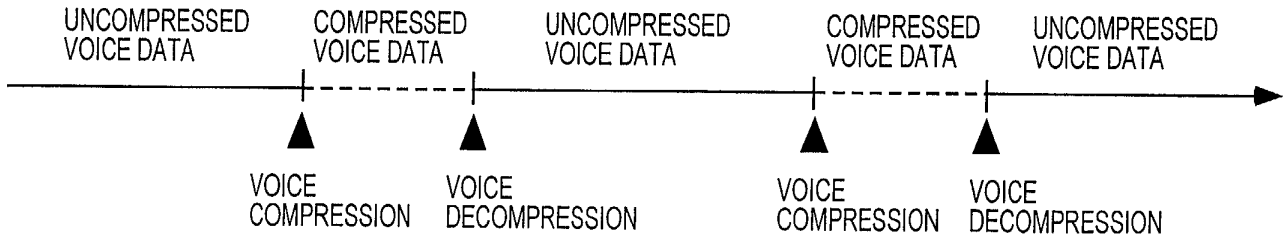
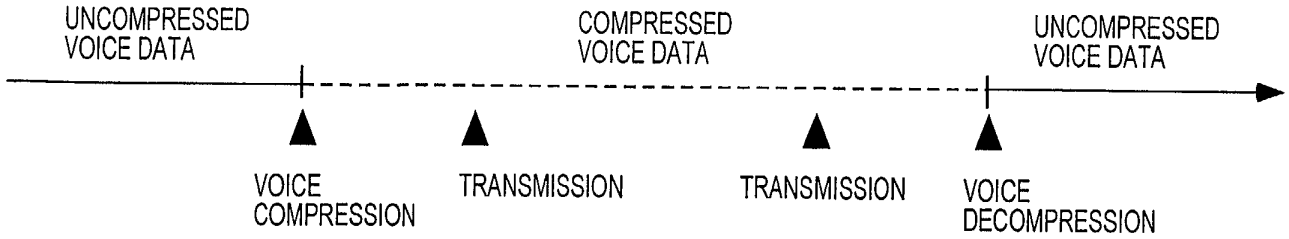



FIG.3C